

IRON COUNTY

SOLID WASTE

PO BOX 743 • 3127 N. IRON SPRINGS ROAD • CEDAR CITY, UT 84721-0743 • OFFICE 435-865-7015 • FAX 435-586-5192

February 27th, 2006

Dennis Downs, Director
Utah Division of Solid and Hazardous Waste
P.O. Box 144880
Salt Lake City, Utah 84114-4880

RECEIVED

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UTAH DIVISION OF
SOLID & HAZARDOUS WASTE

Enclosed you will find the year end reports for the following landfills.

Iron County Municipal Landfill, Iron Springs
Iron County Class VIB Construction and Demolition Landfill, Parowan.

The final cover design for the Iron Springs landfill is addressed in the current re-permit document that has been submitted, there has been no change to the final cover design of the Parowan Class VIB landfill. The closure fund amount is \$81,000.00 a year and is on deposit with State Bank of Southern Utah, All questions concerning the financial assurance needs to be obtained by contacting Joe Gubler, Iron County Auditor at 435-477-8331. Enclosed is the Auditors report for the year 2004, this is the most current report that has been made available to the solidwaste dept.

The Iron County Solid Waste department sends employees to the yearly SWANA trainings plus several other county and state sponsored events, they include defensive driving, heavy equipment operation & maintenance, safety, and lubrication type seminars. Safety meetings are held monthly and cover a wide range of topics,

Methane gas is checked for quarterly and to date none has been detected.

The Lycimeter pipe was pumped and no leachate was brought to the surface, the method of pumping is a QED micro purge pump. We will be replacing the current pump with a new version that will have the ability to pump any liquids to the surface for the remainder of the landfill life. The reason for no leachate is probably due to the high clay content in the soil and the arid climate of the past few years.

The ground water statistics report is being prepared by Klienfelder Inc and will be submitted when they have completed it.



Kenneth Alan Wade
Iron County Solid Waste Supervisor

Mail to:
Dennis R. Downs, Director
Division of Solid and Hazardous Waste
P.O. Box 144880
Salt Lake City, Utah 84114-4880

2006 SOLID WASTE LANDFILL ANNUAL REPORT

For Calendar year 2005 or most recent fiscal year

Administrative Information

Facility Name: Iron County Municipal Landfill
Facility Mailing Address: P.O. Box 743
(Number & Street, Box and/or Route)
City: State: Cedar City, Utah Zip Code: 84721
County: Iron

Contact's Name: Kenneth A Wade Phone No.: (435)865-7015
Title: Supervisor
Contact's Mailing Address: P.O. Box 743 Cedar City, Utah 84721
Contact's Email Address: ironco@netutah.com

Owner

Name: Iron County Phone No.: (435)865-7015
Mailing Address: Same as Above
(Number & Street, Box and/or Route)
City: _____, State: _____ Zip Code: _____

Operator *(Complete this section only if the operator is not an employee of the Owner shown above)*

Name: Kenneth A Wade Phone No.: (435)865-7015
Mailing Address: Same as above
(Number & Street, Box and/or Route)
City: _____, State: _____ Zip Code: _____

Facility Type and Status

- | | | |
|---|---|-----------------------------------|
| <input checked="" type="checkbox"/> Class I | <input type="checkbox"/> Class IIIb | <input type="checkbox"/> Class V |
| <input type="checkbox"/> Class II | <input type="checkbox"/> Class IVa | <input type="checkbox"/> Class VI |
| <input type="checkbox"/> Class IIIa | <input checked="" type="checkbox"/> Class IVb | |

Does the facility have a construction and demolition (C/D) cell as part of the permit (not operated under a separate permit number)? Yes XX No _____

If facility was permanently closed during the year enter date closed: _____

Annual Disposal

Total facility tons: 54,220 or cubic yards: _____

If separate tonnages are available

Municipal tons: 37,743.28 or cubic yards: _____

C/D tons: 14,364.02 or cubic yards: _____

Industrial tons: _____ or cubic yards: _____

Conversion Factor used

- ☐ No conversion factors used
☐ Conversion factor from rules (R315-302-2(4)(c)) used
☐ Site specific conversion used Please list: _____

Tons Recycled: 681.84

Cubic Yards Recycled: _____

Financial Assurance

Current Closure Cost Estimate: \$2,077,858.00

Current Post-Closure Cost Estimate: \$1,015,080.00

Current Financial Assurance Mechanism: Local Government Test, & \$80,000.00

(ie. Bond, Trust Fund, Corporate or government Test etc.)

Financial Assurance Mechanism Holder: State Bank of Southern Utah

(ie. Name of Bond Company, Bank etc.. If PTIF Account give account number)

Current Amount or Balance in Mechanism: \$350,000.00

Other Required Reports

Financial Assurance: Each facility must recalculate the cost of closure and post-closure care to account for inflation and design changes each year. The recalculation, along with proof that the new cost estimates are fully covered by the assurance mechanism currently be utilized, must be submitted. Facilities that are using a trust account should include a copy of the most recent account statement.

Note Facilities using "Local Government Financial Test" must provide the information required in R315-309-3(7)(d) each year.

Ground Water Monitoring: Each facility that is required to monitor ground water must submit a ground water monitoring report that contains water elevations, sampling results, and statistical analyses. Check box if facility is exempt from ground water monitoring ☐

Explosive Gas Monitoring: A gas monitoring report must be included unless the facility is a Class II landfill that has receive an exemption, a Class III, IV, or VI landfill, or any other facility that has an exemption. Check box if facility is exempt from gas monitoring ☐

Training Report: A report of all training programs or procedures completed by facility personnel during the year.

Signature: Kenneth A Wade **Date:** 2-24-06

Signature should be by an executive officer, general partner, proprietor, elected official, or a duly authorized representative. A duly authorized representative must meet the requirements of the solid waste rules (UAC R315-310-2(4)(d)).

Print name: Kenneth A Wade **Title:** Supervisor

**IRON COUNTY LANDFILL
QUARTERLY METHANE MONITORING REPORT**

NAME: Ch Wack DATE 2-14-05

WAS THE PHOTOIONIZATION DETECTOR (PID) CALIBRATED BEFORE USE?
YES x NO

LOCATION	PID READING	UNITS
FRONT GATE	<u>0</u>	
NORTH END OF PIT	<u>0</u>	
CENTER OF PIT	<u>0</u>	
SOUTH END OF PIT	<u>0</u>	

COMMENTS/ACTIONS TAKEN:

No methane detected.

IRON COUNTY LANDFILL
QUARTERLY METHANE MONITORING REPORT

NAME: Alan Wade

DATE 5-17-05

WAS THE PHOTOIONIZATION DETECTOR (PID) CALIBRATED BEFORE USE?

YES X NO

LOCATION	PID READING	UNITS
FRONT GATE	<u>0</u>	
NORTH END OF PIT	<u>0</u>	
CENTER OF PIT	<u>0</u>	
SOUTH END OF PIT	<u>0</u>	

COMMENTS/ACTIONS TAKEN:

check Scale House also No Methane
Detected any where

**IRON COUNTY LANDFILL
QUARTERLY METHANE MONITORING REPORT**

NAME: Ra U. Webb

DATE 8-24-05

WAS THE PHOTOIONIZATION DETECTOR (PID) CALIBRATED BEFORE USE?

YES X NO

LOCATION	PID READING	UNITS
FRONT GATE	<u>0</u>	
NORTH END OF PIT	<u>0</u>	
CENTER OF PIT	<u>0</u>	
SOUTH END OF PIT	<u>0</u>	

COMMENTS/ACTIONS TAKEN:

No Methane Detected.

**IRON COUNTY LANDFILL
QUARTERLY METHANE MONITORING REPORT**

NAME: Ala Wooli

DATE 11-8-05

WAS THE PHOTOIONIZATION DETECTOR (PID) CALIBRATED BEFORE USE?

YES X NO

LOCATION	PID READING	UNITS
FRONT GATE	<u>0</u>	
NORTH END OF PIT	<u>0</u>	
CENTER OF PIT	<u>0</u>	
SOUTH END OF PIT	<u>0</u>	

COMMENTS/ACTIONS TAKEN:

None Detected.

Mail to:
Dennis R. Downs, Director
Division of Solid and Hazardous Waste
P.O. Box 144880
Salt Lake City, Utah 84114-4880

2006 SOLID WASTE LANDFILL ANNUAL REPORT

For Calendar year 2005 or most recent fiscal year

Administrative Information

Facility Name: Iron County Municipal Landfill Class VIB
Facility Mailing Address: P.O. Box 743
(Number & Street, Box and/or Route)
City: Cedar City, State: Utah Zip Code: 84720
County: Iron

Contact's Name: Kenneth Alan Wade Phone No.: (435)865-7015
Title: Iron County Solid Waste Supervisor
Contact's Mailing Address: P.O. Box 743 Cedar City, Utah 84721
Contact's Email Address: ironco@netutah.com

Owner

Name: Parowan City Phone No. (435)477-3331
Mailing Address: 73 North Main
(Number & Street, Box and/or Route)
City: Parowan, State: Utah Zip Code: 84761

Operator (Complete this section only if the operator is not an employee of the Owner shown above)

Name: Iron County Phone No. (435)865-7015
Mailing Address: P.O. Box 743
(Number & Street, Box and/or Route)
City: Cedar City, State: Utah Zip Code: 84721

Facility Type and Status

- | | | |
|-------------------------------------|---|-----------------------------------|
| <input type="checkbox"/> Class I | <input type="checkbox"/> Class IIIb | <input type="checkbox"/> Class V |
| <input type="checkbox"/> Class II | <input type="checkbox"/> Class IVa | <input type="checkbox"/> Class VI |
| <input type="checkbox"/> Class IIIa | <input checked="" type="checkbox"/> Class IVb | |

Does the facility have a construction and demolition (C/D) cell as part of the permit (not operated under a separate permit number)? Yes _____ No XX

If facility was permanently closed during the year enter date closed: _____

Annual Disposal

Total facility tons: 981 or cubic yards: 19,635

If separate tonnages are available

Municipal tons: _____ or cubic yards: _____

C/D tons: 981 or cubic yards: _____

Industrial tons: _____ or cubic yards: _____

Conversion Factor used

- ☐ No conversion factors used
☒ Conversion factor from rules (R315-302-2(4)(c)) used
☐ Site specific conversion used Please list: .050

Tons Recycled: _____
Cubic Yards Recycled: _____

Financial Assurance

Current Closure Cost Estimate: \$77,712.25
Current Post-Closure Cost Estimate: No Change
Current Financial Assurance Mechanism: Local Government Test
(ie. Bond, Trust Fund, Corporate or government Test etc.)
Financial Assurance Mechanism Holder: State Bank of Southern Utah
(ie. Name of Bond Company, Bank etc.. If PTIF Account give account number)
Current Amount or Balance in Mechanism: Included in \$350,000.00 for all sites

Other Required Reports

Financial Assurance: Each facility must recalculate the cost of closure and post-closure care to account for inflation and design changes each year. The recalculation, along with proof that the new cost estimates are fully covered by the assurance mechanism currently be utilized, must be submitted. Facilities that are using a trust account should include a copy of the most recent account statement.

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Explosive Gas Monitoring: A gas monitoring report must be included unless the facility is a Class II landfill that has receive an exemption, a Class III, IV, or VI landfill, or any other facility that has an exemption.

Check box if facility is exempt from gas monitoring ☒

Training Report: A report of all training programs or procedures completed by facility personnel during the year.

Signature: Kenneth H Wade Date: 02/24/2006
Signature should be by an executive officer, general partner, proprietor, elected official, or a duly authorized representative. A duly authorized representative must meet the requirements of the solid waste rules (UAC R315-310-2(4)(d)).

Print name: Kenneth H Wade Title: Solid Waste Supervisor